

CLAIMS

I claim:

1. A headmounted light comprising:
 - a headband having a front, a top, and a rear;
 - 5 a lens assembly connected to said front of said headband;
 - a light transmitter having opposing ends with one end connected to said lens assembly; and
 - a light source connected to said opposing end of said light transmitter.
2. The headmounted light as defined in Claim 1, wherein said light transmitter is a fiber-optic cable.
- 10 3. The headmounted light as defined in Claim 1, wherein said light source comprises:
 - a light emitter; and
 - a power source connected to said light emitter.
4. The headmounted light as defined in Claim 3, wherein said light emitter is selected from 15 the group consisting of light bulbs and light emitting diodes.
5. The headmounted light as defined in Claim 3, wherein said power source is selected from the group consisting of batteries and fuel cells.
6. The headmounted light as defined in Claim 1, wherein said headband comprises:
 - a horizontal portion having a front and a rear; and
 - 20 a vertical portion having opposing ends and a middle with said opposing ends attached to said front and said rear of said horizontal portion.
7. The headmounted light as defined in Claim 6, further comprising a headband protrusion having opposing ends with one end attached to said middle of said vertical portion.
8. The headmounted light as defined in Claim 1, further comprising:
 - 25 a hollow pouch having an open end and opposing sides removably enclosing said light source;
 - a belt having opposing ends and a middle with said middle attached to said side of said pouch; and
 - a side release buckle removably connecting said opposing ends of said belt.
- 30 9. The headmounted light as defined in Claim 1, further comprising a clip attached to said

middle of said vertical portion.

10. A headmounted light comprising:

a belt having opposing ends and a middle;

a hollow pouch having opposing sides and an open end with said side attached to said

5 middle of said belt;

a light source removably enclosed by said pouch;

a light transmitter having opposing ends with one end connected to said light source;

a lens assembly connected to said opposing end of said light transmitter; and

a headband having a front and a back with said front attached to said lens assembly.

10 11. The headmounted light as defined in Claim 10, wherein said lens assembly comprises:

a lens;

a reflector having a rear enclosing said lens; and

an adjustable mount having opposing ends with one end connected to said rear of said reflector and said opposing end connected to said front of said headband.

15 12. The headmounted light as defined in Claim 10, further comprising:

a strap having opposing ends with one end attached to said middle of said belt;

a hook and loop fastener removably connecting said opposing end of said strap to said opposing side of said pouch; and

a switch hole wherein said opposing side of said pouch defines a hole therein to comprise said switch hole.

20 13. The headmounted light as defined in Claim 10, wherein said light source comprises:

a light emitter;

an on/off switch connected to said light emitter; and

a power source connected to said on/off switch.

25 14. The headmounted light as defined in Claim 13, wherein said light emitter, said on/off switch, and said power source are enclosed by a housing.

15. The headmounted light as defined in Claim 13, wherein said power source is a rechargeable battery.

16. The headmounted light as defined in Claim 10, further comprising a clip attached to said middle of said belt.

17. A headmounted light comprising:

- a fiber-optic cable having opposing ends;
- a plurality of connectors attached to said opposing ends of said fiber-optic cable;
- a light source removably connected by one of said connectors to said end of said fiber-optic cable;
- 5 a lens assembly removably connected by one of said connectors to said opposing end of said fiber-optic cable;
- a headband having a top, a front, and a rear with said front attached to said lens assembly;
- 10 a clip attached to said top of said headband;
- a belt having opposing ends and a middle with said middle removably connected to said light source;
- a clip attached to said middle of said belt; and
- a buckle removably connecting said opposing ends of said belt.

15 18. The headmounted light as defined in Claim 17, further comprising a size adjuster attached to said rear of said headband.

19. The headmounted light as defined in Claim 18, wherein said size adjuster is a friction locking mechanism.

20. The headmounted light as defined in Claim 17, wherein said light source comprises:

- 20 a light bulb;
- an on/off switch connected to said light bulb; and
- a rechargeable battery connected to said on/off switch.